INTERNATIONAL SEARCH REPORT

International Application No
T/EP2004/053158

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER B29C33/38 B29C33/56 B29L11/0	O G02B5/08 C03B	11/08							
According to International Patent Classification (IPC) or to both national classification and IPC										
B. FIELDS	SEARCHED									
Minimum documentation searched (classification system followed by classification symbols) IPC 7 B29C C03B B29D G02B G02F G21K C23C B32B										
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched										
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ										
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.							
X Y	US 4 690 370 A (SKINNER JAMES R) 1 September 1987 (1987-09-01) the whole document		1,8,12, 15,19 2-4, 9-11,18, 20,21							
Υ .	US 5 838 506 A (KIMURA KAZUMI ET 17 November 1998 (1998–11–17) column 7, line 14 – line 60; clai example 2	2,3,10, 11,18,20								
Υ	GB 1 167 690 A (FORD MOTOR COMPAN LIMITED) 22 October 1969 (1969-10 page 1, line 59 - page 2, line 6; figures	4,9,21								
	_	·/								
X Furti	her documents are listed in the continuation of box C.	X Patent family members are listed	in annex.							
° Special ca	ategories of cited documents :	"T" later document published after the Inte	rnational filing date							
*A' document defining the general state of the art which is not considered to be of particular relevance *E' earlier document but published on or after the international *Z' document of particular relevance; the claimed invention										
filing date "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance; the claimed Invention cannot be considered to have the document is taken alone the document of particular relevance; the claimed Invention cannot be considered to have the document is taken alone the document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance; the claimed Invention cannot be considered to have the document of particular relevance.										
other to	*O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed 'A' document member of the same patent family									
	actual completion of the international search	Date of mailing of the international sea								
	7 April 2005	04/05/2005								
Name and r	mailing address of the ISA	Authorized officer								
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Mathey, X								

INTERNATIONAL SEARCH REPORT

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T/EP2004/053158

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Category *	etion) DOCUMENTS CONSIDERED TO BE RELEVANT	Determent to stellar the
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 229 356 A (PLANAR SYSTEMS INC) 7 August 2002 (2002-08-07) claims 1,6,14-19	12-14
X Y	US 5 662 999 A (TANIGUCHI YASUSHI ET AL) 2 September 1997 (1997-09-02) column 3, line 1 - line 20	1,8,12, 15,19 4,9-11,
•	column 4, line 50 - line 54 column 5, line 3 - line 17 column 7, line 49 - line 55; examples	21
Y	US 5 505 808 A (HALLMAN ROBERT A ET AL) 9 April 1996 (1996-04-09) the whole document	4,9,21
Υ	GB 1 045 016 A (ARTHUR ELLIOTT; UNIV LONDON KING S COLLEGE) 5 October 1966 (1966-10-05)	10,11
Α	page 1, line 35 - page 2, line 12; claims 1-5; figures	16,17
X	US 5 723 174 A (SATO YASUHIKO) 3 March 1998 (1998-03-03)	1,8,12, 19
Y	column 6, line 35 - line 40; claim 1; figures	2,3,10, 11,20
Y	DATABASE WPI Section Ch, Week 199309 23 February 1993 (1993-02-23), Derwent Publications Ltd., London, GB; Class A32, AN 1993-070503 XP002282424 & JP 05 016147 A (OLYMPUS OPTICAL CO LTD) 26 January 1993 (1993-01-26) abstract	2,3,20
Υ	EP 0 670 576 A (CITTERIO OBERTO)	10,11
Α	6 September 1995 (1995-09-06) column 3, line 3 - line 18; figures 1,2	16,17
X	US 5 855 966 A (RICHARDS DAVID A)	1,19
Υ	5 January 1999 (1999-01-05) column 4, line 23 - line 33	2,3,20
Y	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 03, 31 March 1999 (1999-03-31) & JP 10 337734 A (HOYA CORP), 22 December 1998 (1998-12-22) abstract	2,3,20

INTERNATIONAL SEARCH REPORT

International Application No
T/EP2004/053158

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4690370	Α	01-09-1987	JP	59135133	Α	03-08-1984
US 5838506	A	17-11-1998	JP JP	3208251 7072315		10-09-2001 17-03-1995
GB 1167690	Α	22-10-1969	DE	1948639	A1	09-04-1970
EP 1229356	A	07-08-2002	EP JP TW	1229356 2002277628 556004	Α	07-08-2002 25-09-2002 01-10-2003
US 5662999	A	02-09-1997	JP JP	3231165 7138033		19-11-2001 30-05-1995
US 5505808	Α	09-04-1996	NONE			
GB 1045016	Α	05-10-1966	NONE			
US 5723174	Α	03-03-1998	JP	9301722	A	25-11-1997
JP 5016147	Α	26-01-1993	NONE			
EP 0670576	A	06-09-1995	IT AT DE DE EP US	1270022 166996 69502749 69502749 0670576 5592338	T D1 T2 A1	28-04-1997 15-06-1998 09-07-1998 01-10-1998 06-09-1995 07-01-1997
US 5855966	Α	05-01-1999	DE EP JP	69827457 0924043 11221774	A2	16-12-2004 23-06-1999 17-08-1999
JP 10337734	Α	22-12-1998	US US	6156243 2004047938		05-12-2000 11-03-2004